

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Brent PARKS  
Bradley W. SMITH  
Matthew S. JOHNSON  
Michael R. SCHRAMM

Title: EXTENDABLE, REACTIVE CHARGE-  
CONTAINING ACTUATOR DEVICES

Express Mail No.: EV413564284US

Date of Deposit: 05 December 2003

**FIRST INFORMATION DISCLOSURE STATEMENT**

**Mail Stop PATENT APPLICATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with Rules 1.56 and 1.98, the references listed on the attached Form PTO-1449 are hereby brought to the attention of the Examiner as possibly being material to examination of the subject application.

In accordance with the U.S. Patent and Trademark Office waiver of Rule 37 C.F.R. 1.98(a)(2)(I)[OG Notices 05 August 2003], copies of the U.S. patents cited on Form PTO-1449 are not enclosed.

In accordance with Rule 1.56, the co-pending patent application listed below is relied upon for an earlier filing date under 35 U.S.C. 120:

Express Mail No.: EV413564284US

Title: LINEAR ACTUATOR  
Applicant(s): Brent PARKS  
Serial No.: 10/193,414  
Filing Date: 11 July 2002  
Attorney Docket No.: 2949.2.87

Foreign patent references AL and AM (sheet 2 of 2) are not enclosed as they are contained in the file of the related parent application.

The following co-pending patent application is also brought to the attention of the Examiner as possibly being material to examination of the subject application:

Title: AN EXPANDABLE RIGID KNEE  
AIRBAG SYSTEM  
Applicant(s): Mark L. ENDERS et al.  
Serial No.: 10/193,411  
Filing Date: 11 July 2002  
Attorney Docket No.: 2949.2.75

A copy of the co-pending applications and Form PTO-1449 (2 pages) are enclosed with a copy of each and every non-U.S. patent reference newly cited on Form PTO-1449.

Respectfully submitted,



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Registration No. 31,974

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FORM PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. AAI-14274	SERIAL NO.
<b>LIST OF PRIOR ART CITED BY APPLICANT</b> (Use several sheets if necessary)			APPLICANT(S) Brent PARKS et al.	
			FILING DATE	GROUP

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	3,106,131	01/1959	Barr et al.			
	AB	3,565,398	02/1971	Flora et al.			
	AC	5,695,242	12/1997	Brantman et al.			
	AD	731,354	06/1903	Fulton			
	AE	1,986,273	01/1935	Leffingwell			
	AF	4,560,145	12/1985	Widmer			
	AG	4,687,189	08/1987	Stoll et al.			
	AH	5,431,087	07/1995	Kambara			
	AI	5,871,235	02/1999	Wier			
	AJ	6,237,433 B1	05/2001	Rodrigues			
	AK						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	JP11348703	12/1999	Japan Abstract				
	AM	JP8058510	03/1996	Japan Abstract				
	AN	JP7205750	08/1995	Japan Abstract				
	AO	DE 298 17 842 U1	02/1999	Germany (English Abstract)				
	AP							

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		ICI Aerospace: 1MT170 Bellows Actuator, Data Sheet 201, May 1987.
	AS		
	AT		

EXAMINER	DATE CONSIDERED
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**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
AAI-14274

SERIAL NO.

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Brent PARKS et al.

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	AK						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	EP 0 940 584	03/1998	EPO				
	AM	GB 2 076 894	03/1980	Great Britain				
	AN	GB 2 373 218 A	09/2002	Great Britain				
	AO							
	AP							

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

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